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Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                   Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                       Pred. No. 1s the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
      1764
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       Query
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Gapop 10.0 , Gapext 0.5
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1846
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sp_fungi:*
sp_human:*
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sp_phage:*
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sp_virus:*
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sp_archeap:*
                                                                                                                                                                                                                                                                                                                                                               sp_vertebrate:*
sp_unclassified:*
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      1430
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09UIK4

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Q9gym4 mus musculu
Q88861 mus musculu
Q9jjp7 mus musculu
Q9jjp7 mus musculu
Q9jt18 homo sapien
Q9cv44 mus musculu
Q43293 homo sapien
Q54784 mus musculu
Q43293 caenorhabdi
Q9c015 homo sapien
Q9be69 macaca fasc
Q98850 carassius a
Q91xs9 cavia porce
P91255 caenorhabdi
                                                                                                                                                                                       075892 homo
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## ALIGNMENTS

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,	••	ing; Kinas	PS00108; PROTEIN_KINASE_ST; 1	PS50011;	PROSITE; PS00107; PROTEIN_KINASE_ATP; 1.	SMART; SM00220; S_TKC; 1.	Pfam; PF00069; pkinase; 1.	InterPro; IPR002290; Ser_thr_pkinase.	InterPro; IPR000719; Euk_pkinase.	HSSP; Q63450; 1A06.	AAC35001.1;	-!- SIMILARITY: BELONGS TO THE SER/THR FAMILY OF PROTEIN KINASES.	Mol. Cell. Biol. 20:1044-1054(2000).		Inbal B., Shani G., Cohen O., Kissil J.L., Kimchi A.;	MEDLINE~20094983; PubMed~10629061;	TISSUE=KIDNEY;	SEQUENCE FROM N.A.	[1]		Primates; Catarrhini; Hominidae	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	Homo sapiens (Human).	RELATED PROTEIN 1.	(TrEMBLrel. 19, Last annotation	. 08,	01-NOV-1998 (TrEMBLrel. 08, Created)	075892;	O75892 PRELIMINARY; PRT; 370 AA.	33	J7 1	

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1 MEPFKQQKVEDFYDIGEELGSGQFAIVKKCREKSTGLEYAAKFIKKRQSRASRRGVSREE 60

Query Match
Best Local Similarity 99.
Matches 359; Conservative

99.4%; 99.7%;

Score 1835; DB 4; Pred. No. 3.2e-125; 0; Mismatches 1;

Length 370; Indels

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Best Local S
Matches 357
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R InterPro; IPR002290; Ser_thr_pkinase.
R InterPro; IPR001245; Tyr_pkinase.
R InterPro; IPR001245; Tyr_pkinase.
R Pfam; PF00069; pkinase; 1.
R PRINTS; PR00109; TYRKINASE.
R PRINTS; PR00109; TYRKINASE.
R PROSITE; PS00107; PROTEIN_KINASE_ATP; 1.
R PROSITE; PS00110; PROTEIN_KINASE_DOM; 1.
R PROSITE; PS001108; PROTEIN_KINASE_ST; 1.
R PROSITE; PS00108; PROTEIN_KINASE_ST; 1.
SEQUENCE 370 AA; 42898 MW; 035E914BBCD881A2 CRC64;
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09UIK4;
01-MAY-2000
01-MAY-2000
01-DEC-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Oncogene 18:3471-3480(1999).
-!- SIMILARITY: BELONGS TO THE EMBL; AB018001; BAA88063.1; -- HSSP; Q63450; 1A06.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDLINE=99303018; PubMed=10376525; Kawai T., Nomura F., Hoshino K., Copeland Jenkins N.A., Akira S.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   activity."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE FROM N.A.
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dependent protein kinase that signa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   311
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R2. Sapiens (Human).
R6. 
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PEFVAPEIVNYEPLGLEADMWSIGVITYILLSGASPFLGDTKQETLANITSVSYDFDEEF
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. 13, Last sequence upo
. 19, Last annotation users.
IN KINASE 2.
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                                                                                                                                                                                                                                       Score 1824; D
Pred. No. 2e-1
1; Mismatches
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signals apoptosis
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Best Local Similarity
Matches 347; Conserv
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090YM4;
01-MAY-2000
01-MAY-2000
01-DEC-2001
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SMART; SM00220; S_TKC; 1.

PROSITE; PR001017; PROTEIN_KINASE_ATP; 1.

PROSITE; PS00101; PROTEIN_KINASE_DOM; 1.

PROSITE; PS00108; PROTEIN_KINASE_ST; 1.

ATP-binding; Kinase; Serine/threonine-protein kinase; Serine/threonine-protein kinase; Sequence 370 AA; 42769 MW; 7DA6E29C4E6615B3 CRC64.
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-- SIMILARITY: BELONGS TO THE

EMBL; ABOLB002: BAAB8064.1; --

HSSP: Q63450; 1A06.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (Mouse).
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
NCBI_TaxID=10090;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             InterPro; IPR000719; Euk_pkinase.
InterPro; IPR002290; Ser_thr_pkinase
InterPro; IPR001245; Tyr_pkinase.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kawai T., Nomura F., F
Jenkins N.A., Akira S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A. MEDLINE=99303018;
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F., Hoshino K., Copeland
                                                                                                                                                                                                                                                                           95.6%;
96.4%;
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                                                                                                                                                                                                                                                     Score 1764; DB 11;
Pred. No. 4.4e-120;
4; Mismatches 9;
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